

**IN THE SPECIFICATION**

Page 1, after line 3, please insert --Background of the Invention--;

Page 4, after line 2, please insert --Summary of the Invention--;

Page 6, after line 12, please insert --Brief Description of the Drawings--;

Page 7, after line 11, please insert --Description of the Preferred Embodiment--.

**IN THE CLAIMS**

Please amend the claims as follows. Claims 3-9 are amended. A marked-up copy of the amended claims is attached.

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3. (amended) The method of claim 1, wherein the actually measured reflectivity is related to the reflectivity of a reference material, on which at least one layer is built up.

4. (amended) The method of claim 1, wherein, at the end of a process step or of the whole process, a layer of the same material as a substrate material, on which at least one layer is built up, is washed and its characteristics are compared with the characteristics present at the start of the process.

5. (amended) The method of claim 1, wherein the material properties are monitored at the same time, at least,